

How to change rear coil springs on VW Polo 5 – replacement guide





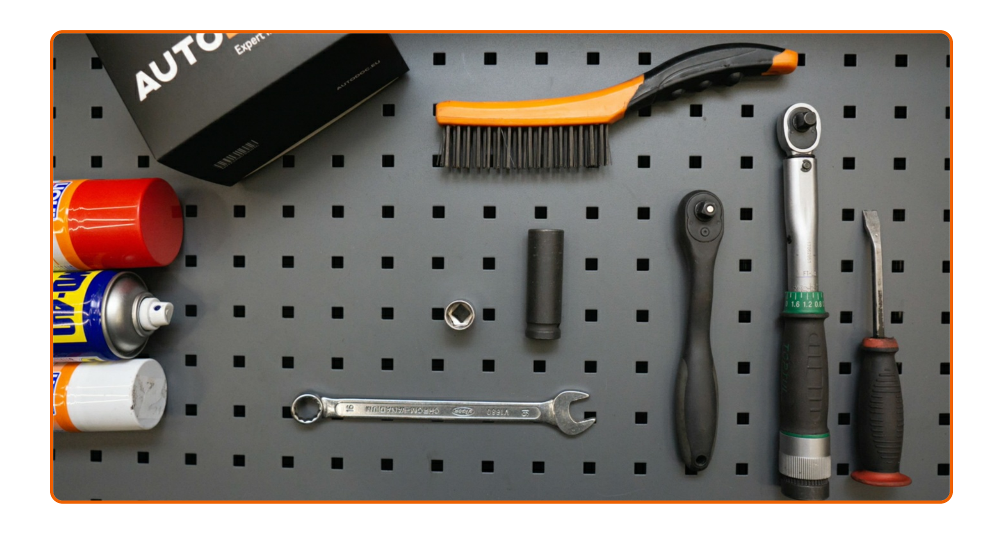

VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW POLO (6R1, 6C1) 1.6, VW POLO Saloon (602, 604, 612, 614) 1.6

The steps may slightly vary depending on the car design.

REPLACEMENT: COIL SPRINGS – VW POLO 5. LIST OF THE TOOLS YOU'LL NEED:



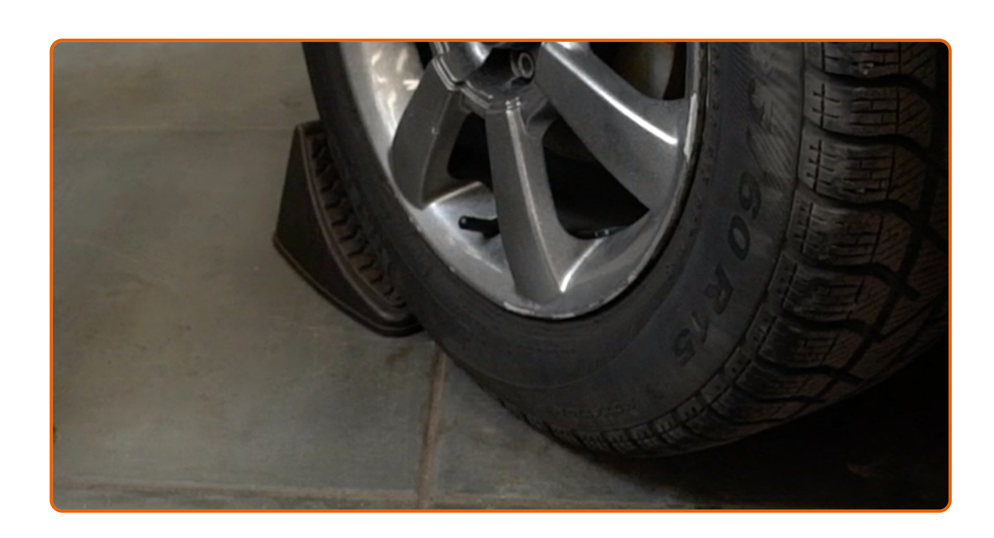
- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #16
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Tap wrench
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Replacement: coil springs – VW Polo 5. Tip from AUTODOC experts:

- Both coil springs of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right coil springs of the rear suspension.
- All work should be done with the engine stopped.

REPLACEMENT: COIL SPRINGS – VW POLO 5. TAKE THE FOLLOWING STEPS:

1



Secure the wheels with chocks.

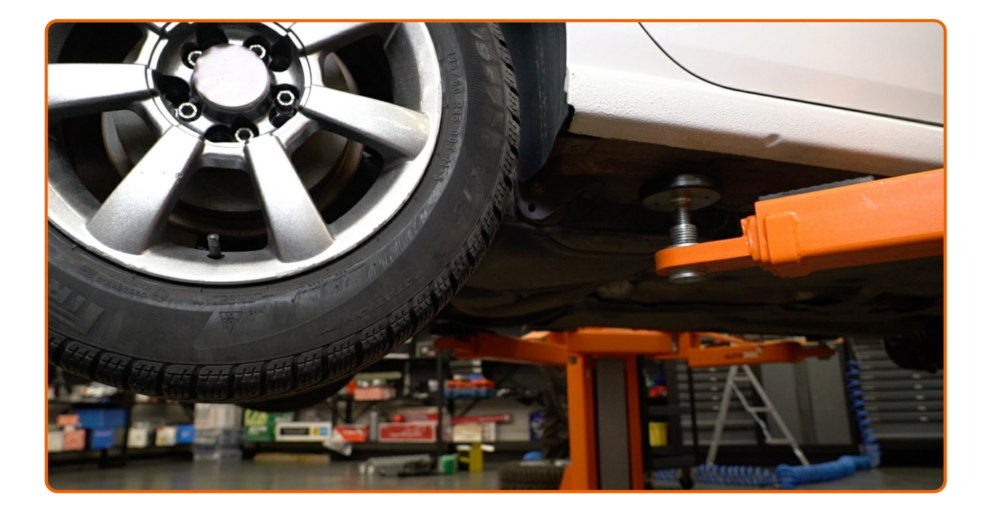


2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the rear of the car and secure on supports.

4



Unscrew the wheel bolts.

Replacement: coil springs – VW Polo 5. Tip:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5



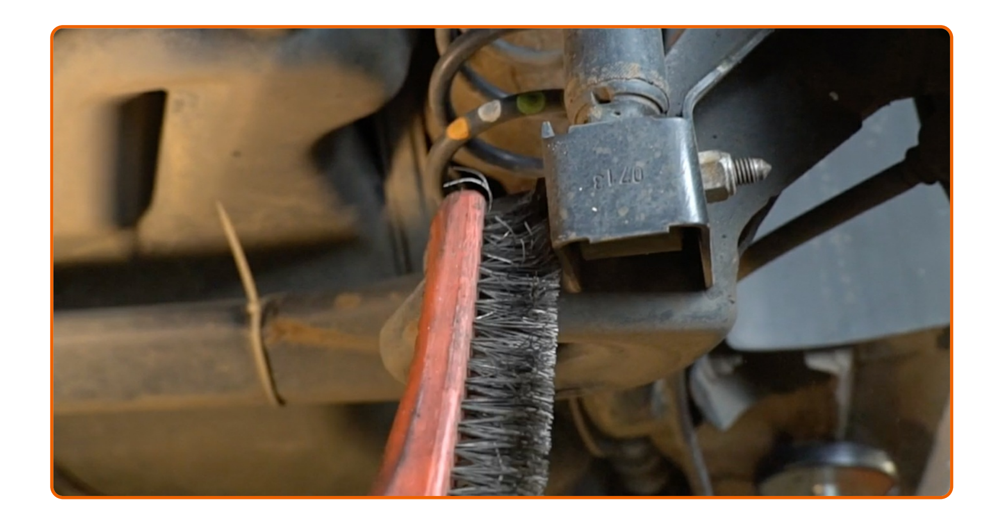
Remove the wheel.

6



Disconnect the ABS sensor wiring. Use a crowbar.

7



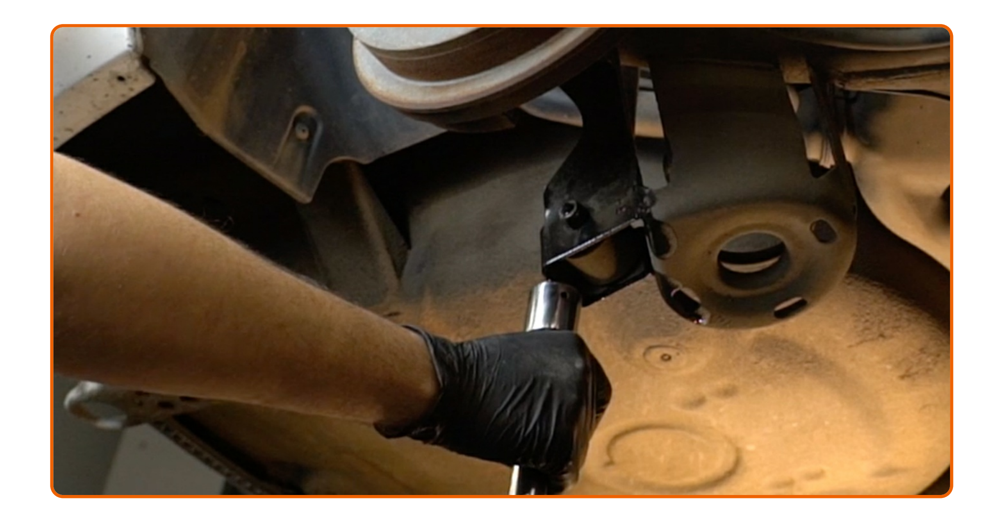
Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

8



Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a tap wrench.

9



Support the rear suspension beam. Use a hydraulic transmission jack.

10



Remove the fastening bolt. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

11



Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: coil springs – VW Polo 5. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

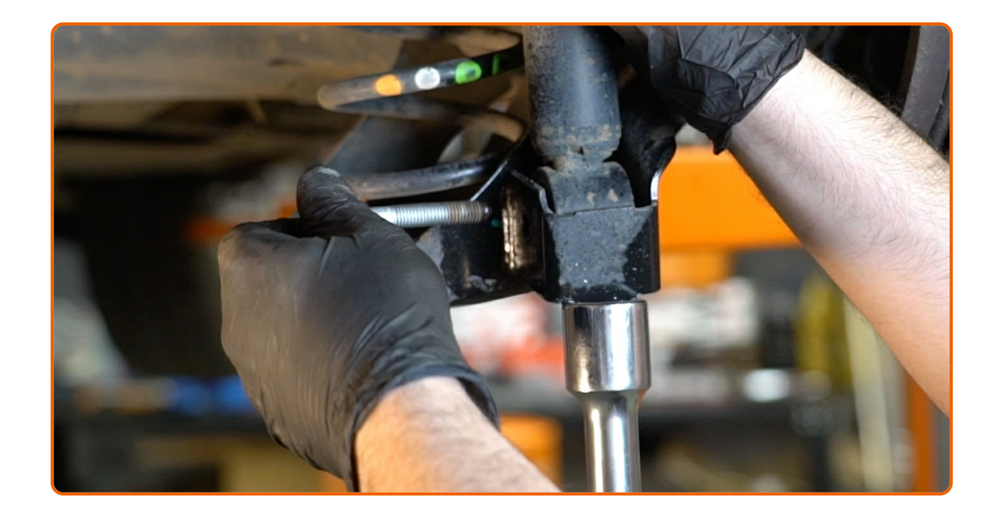
12

Support the rear suspension beam. Use a hydraulic transmission jack.

13

Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a tap wrench.

14



Remove the fastening bolt. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

15

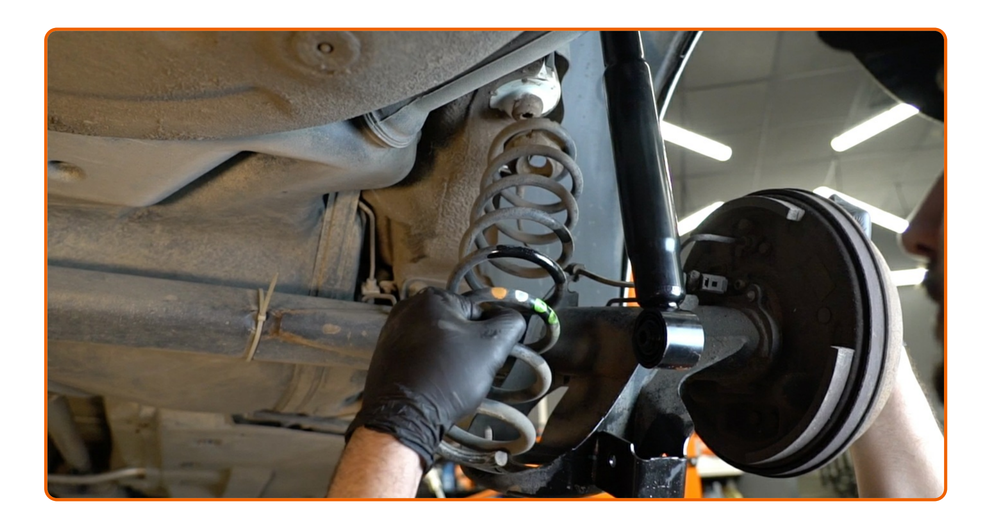


Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- VW Polo 5 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

16



Take out the spring.

Replacement: coil springs – VW Polo 5. AUTODOC recommends:

- Inspect the rubber mounts of the suspension spring. Replace if necessary.

17



Remove the rubber spring spacer.

18



Clean the coil spring mounting seats. Use a wire brush. Use WD-40 spray.

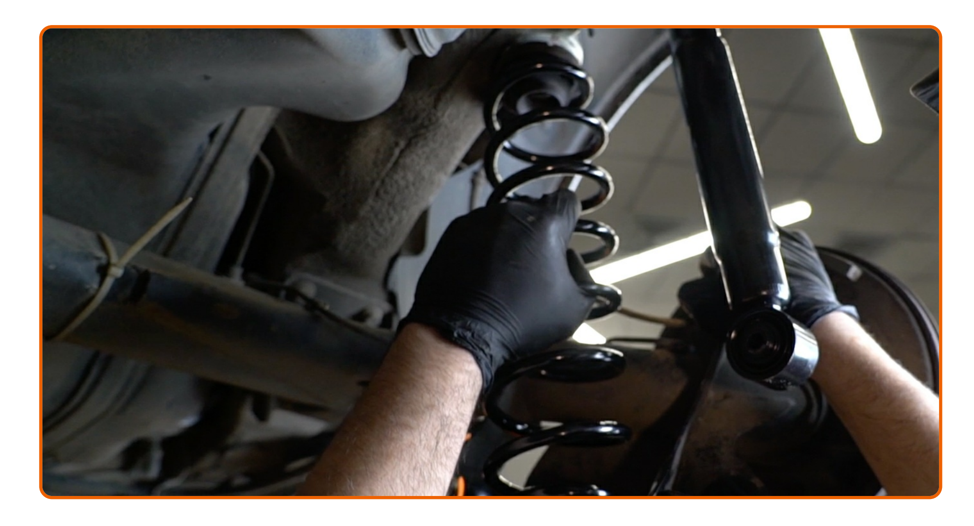


19



Install the rubber spacer on the new coil spring.

20



Install the coil spring together with the rubber mounts into the mounting seats.

21

Support the rear suspension beam. Use a hydraulic transmission jack.

22



Install the fastening bolt.

23



Screw in the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

24



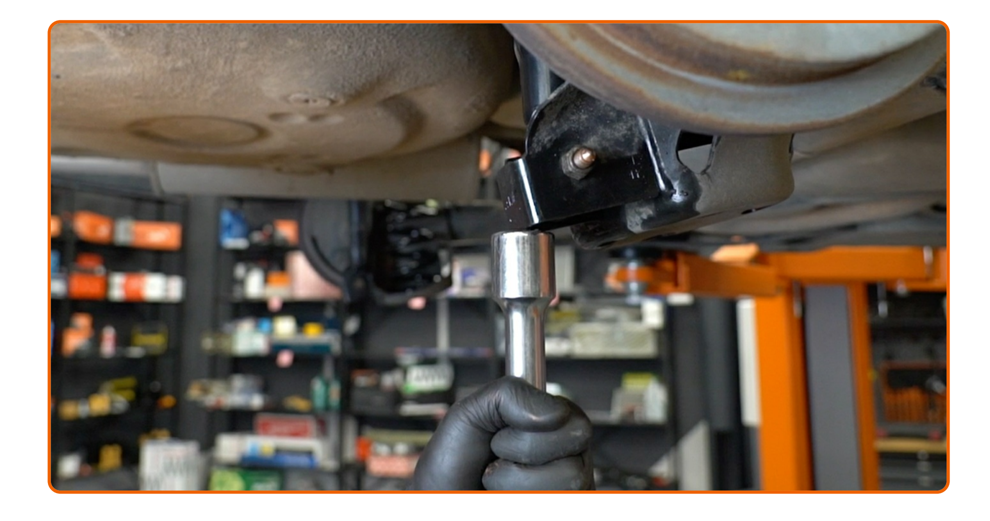
Raise the hydraulic transmission jack by 10-15 cm.

25



Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 80 Nm torque.

26

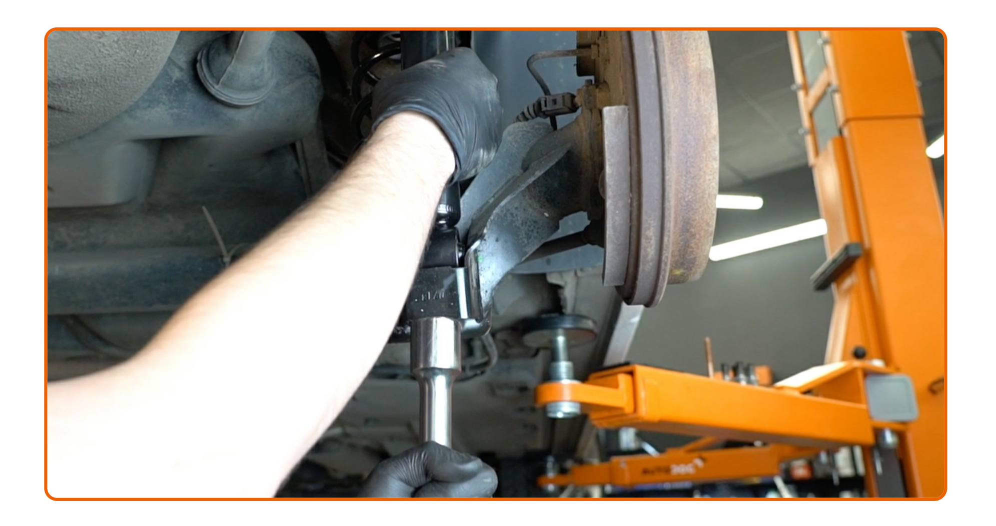


Remove the mounting from under the rear axle beam.

Replacement: coil springs – VW Polo 5. AUTODOC experts recommend:

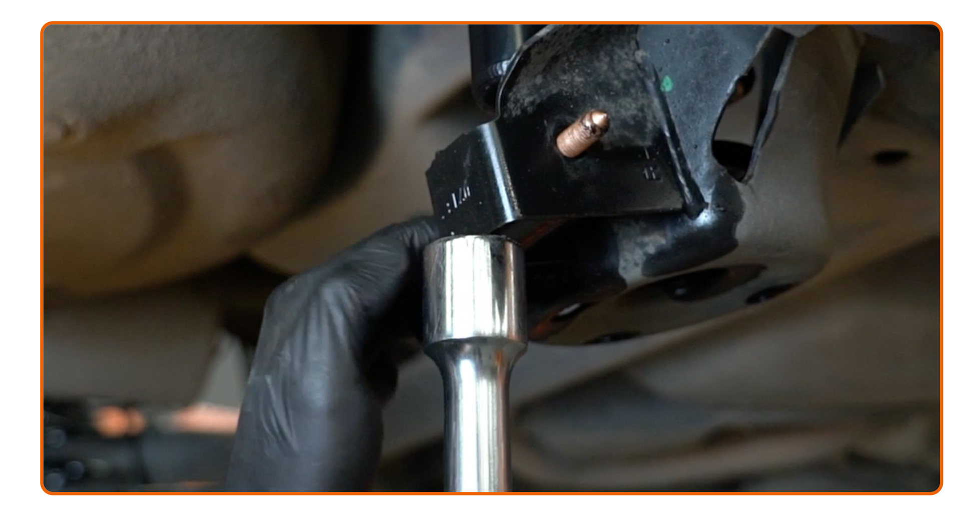
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

27



Support the rear suspension beam. Use a hydraulic transmission jack.

28



Install the fastening bolt.

29



Screw in the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

30



Raise the hydraulic transmission jack by 10-15 cm.

31



Tighten the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a torque wrench. Tighten it to 80 Nm torque.

32



Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- Replacement: coil springs – VW Polo 5. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

33



Connect the ABS sensor wiring.

34



Treat the shock absorber fasteners. Use copper grease.

35



Clean the wheel rim mounting seat. Use a wire brush.

36



Treat the surface where the wheel rim contacts the brake drum. Use copper grease.

37



Install the wheel.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. VW Polo 5

38



Screw in the wheel bolts. Use wheel impact socket #17.

39



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

40



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

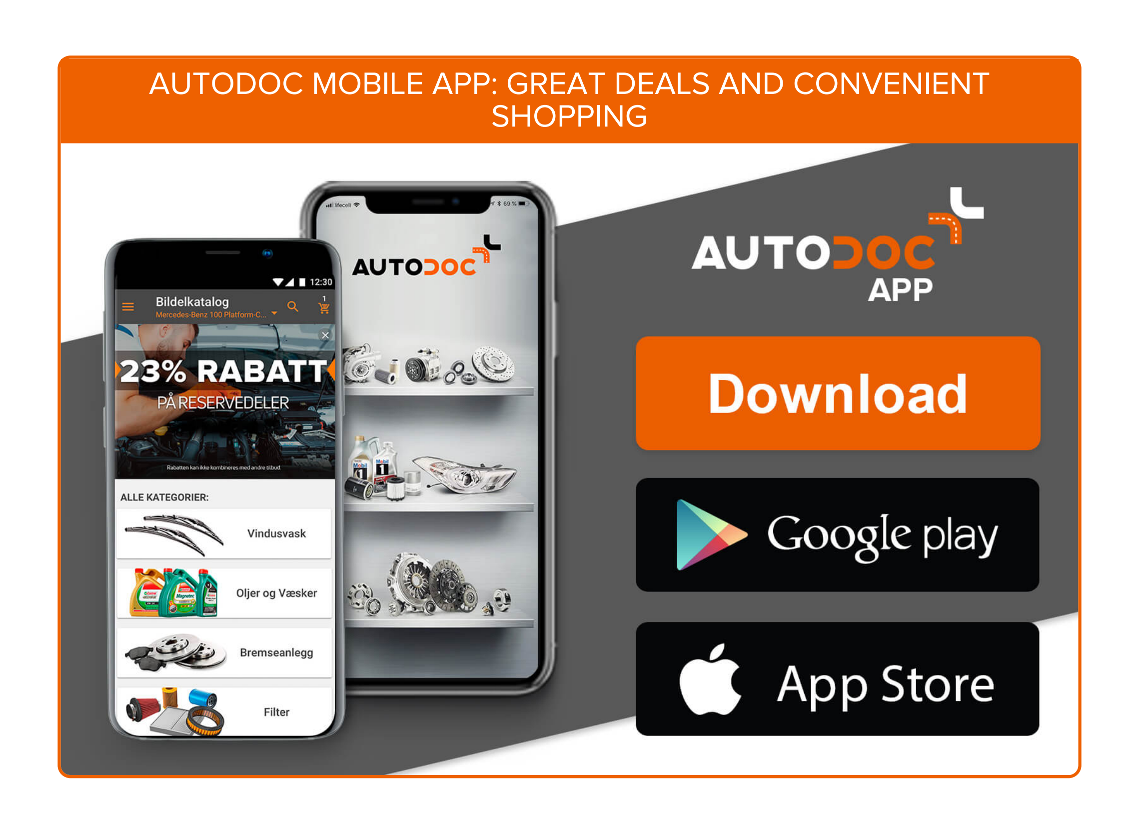
NO



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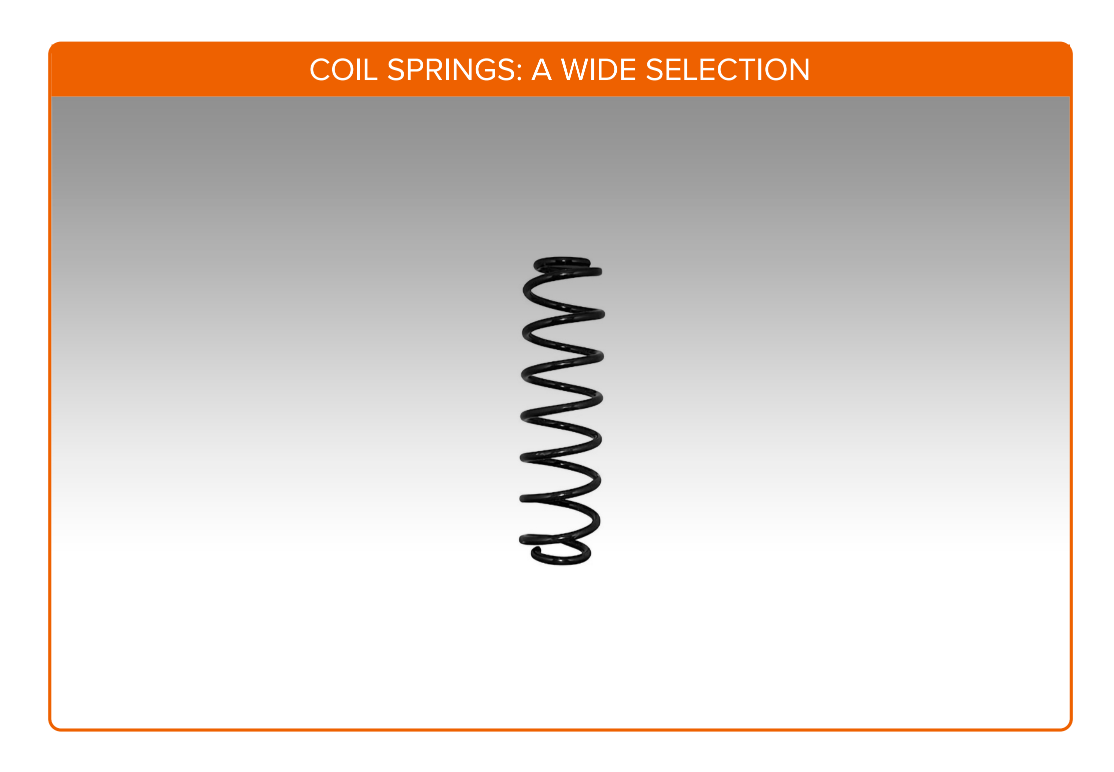


A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

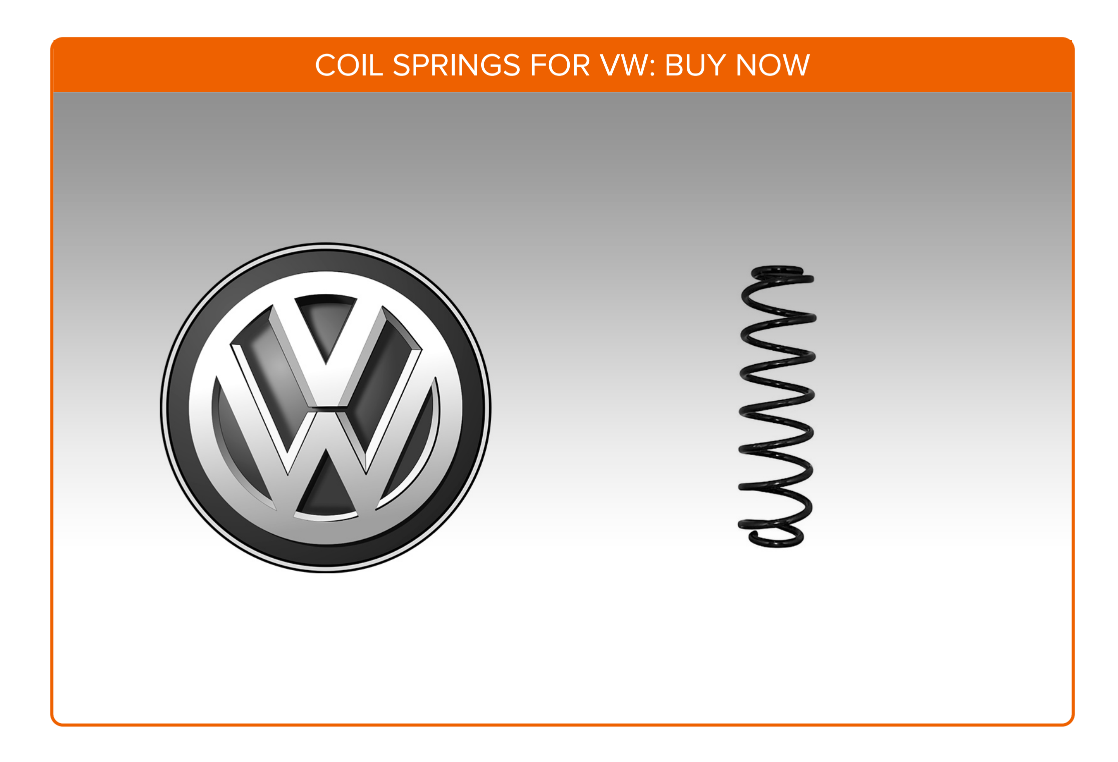





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COIL SPRINGS FOR VW POLO 5: THE BEST DEALS & OFFERS



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